

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/535,672
Source: FFWP
Date Processed by STIC: 3/31/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 10/535/672

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

- 2 Invalid Line Length The rules require that a line **not exceed** 72 characters in length. This includes white spaces.

- 3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.

- 4 Non-ASCII The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. **Please ensure your subsequent submission is saved in ASCII text.**

- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**

- 7 Skipped Sequences
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for **each** skipped sequence:
 (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped

 Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.

- 8 Skipped Sequences
 (NEW RULES) Sequence(s) missing. If **intentional**, please insert the following lines for **each** skipped sequence.
 <210> sequence id number
 <400> sequence id number
 000

- 9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
 Per 1.823 of Sequence Rules, use of <220>-<223> is **MANDATORY** if n's or Xaa's are present.
 In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence

- 11 Use of <220> Use of <220> to <223> is **MANDATORY** if <213> "Organism" response is "Artificial Sequence or "Unknown." Please explain source of genetic material in <220> to <223> section.
 (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

- 13 Misuse of n/Xaa "n" can **only** represent a single nucleotide; "Xaa" can **only** represent a single amino acid



IFWP

RAW SEQUENCE LISTING

DATE: 03/31/2006

PATENT APPLICATION: US/10/535,672

TIME: 15:43:08

Input Set : A:\272405US0PCT.ST25.txt

Output Set: N:\CRF4\03312006\J535672.raw

3 <110> APPLICANT: Kobayashi, Takashi
 5 <120> TITLE OF INVENTION: DRUG FOR INHIBITING PRODUCTION OF A MATRIX
 METALLOPROTEINASE-9
 7 <130> FILE REFERENCE: 272405US0PCT
 9 <140> CURRENT APPLICATION NUMBER: US 10/535,672
 C--> 10 <141> CURRENT FILING DATE: 2006-02-06
 12 <150> PRIOR APPLICATION NUMBER: PCT/JP03/12898
 13 <151> PRIOR FILING DATE: 2003-10-08
 15 <150> PRIOR APPLICATION NUMBER: JP 2002-336867
 16 <151> PRIOR FILING DATE: 2002-11-20
 18 <150> PRIOR APPLICATION NUMBER: JP 2003-136738
 19 <151> PRIOR FILING DATE: 2003-05-15
 21 <150> PRIOR APPLICATION NUMBER: JP 2003-286386
 22 <151> PRIOR FILING DATE: 2003-08-05
 24 <160> NUMBER OF SEQ ID NOS: 7
 26 <170> SOFTWARE: PatentIn version 3.3
 28 <210> SEQ ID NO: 1
 29 <211> LENGTH: 21
 30 <212> TYPE: DNA
 31 <213> ORGANISM: Artificial
 33 <220> FEATURE:
 34 <223> OTHER INFORMATION: Synthetic DNA
 36 <400> SEQUENCE: 1
 37 ggagacctga gaaccaatct c 21
 40 <210> SEQ ID NO: 2
 41 <211> LENGTH: 21
 42 <212> TYPE: DNA
 43 <213> ORGANISM: Artificial
 45 <220> FEATURE:
 46 <223> OTHER INFORMATION: Synthetic DNA
 48 <400> SEQUENCE: 2
 49 tccaataggt gatgttgctg t 21
 52 <210> SEQ ID NO: 3
 53 <211> LENGTH: 20
 54 <212> TYPE: DNA
 55 <213> ORGANISM: Artificial
 57 <220> FEATURE:
 58 <223> OTHER INFORMATION: Synthetic DNA
 60 <400> SEQUENCE: 3
 61 gtcattccatg acaactttgg 20
 64 <210> SEQ ID NO: 4
 65 <211> LENGTH: 20
 66 <212> TYPE: DNA
 67 <213> ORGANISM: Artificial

Does Not Comply
 Corrected Diskette Needed
 (PS. 2) ↩

RAW SEQUENCE LISTING

DATE: 03/31/2006

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TIME: 15:43:08

Input Set : A:\272405US0PCT.ST25.txt

Output Set: N:\CRF4\03312006\J535672.raw

69 <220> FEATURE:
70 <223> OTHER INFORMATION: Synthetic DNA
72 <400> SEQUENCE: 4
73 tgctgtagcc aaattcggtg 20
76 <210> SEQ ID NO: 5
77 <211> LENGTH: 10
78 <212> TYPE: DNA
79 <213> ORGANISM: Artificial
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Synthetic DNA
84 <400> SEQUENCE: 5
85 gaattccaag 10
88 <210> SEQ ID NO: 6
89 <211> LENGTH: 7
90 <212> TYPE: DNA
91 <213> ORGANISM: Artificial
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Synthetic DNA
96 <400> SEQUENCE: 6
97 tgagcat
100 <210> SEQ ID NO: 7
101 <211> LENGTH: 120
102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial
105 <220> FEATURE:
106 <223> OTHER INFORMATION: Base Sequence
108 <400> SEQUENCE: 7
109 ctgagtcagc acttgccctgt caaggagggg tggggtcaca ggagcgcctc cttaaagccc 60
111 ccacaacagc agctgcagtc agacacctct gccctcacca tgagcctctg gcagccctg 120

*Pls explain source of
genetic material;*

Invalid response

*See item # 11 on error
summary sheet.*

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 03/31/2006
PATENT APPLICATION: US/10/535,672 TIME: 15:43:09

Input Set : A:\272405US0PCT.ST25.txt
Output Set: N:\CRF4\03312006\J535672.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/535,672

DATE: 03/31/2006

TIME: 15:43:09

Input Set : A:\272405US0PCT.ST25.txt

Output Set: N:\CRF4\03312006\J535672.raw

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date